

COURSE DETAIL

HUMAN GENETICS AND EVOLUTION

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

157

UCEAP Course Suffix**UCEAP Official Title**

HUMAN GENETICS AND EVOLUTION

UCEAP Transcript Title

HUMAN GENETICS & EV

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Upper division MCD biology elective. The study of human genetic complexity and disease is a rapidly expanding field driven by advances in new technologies which facilitate large-scale projects to catalog human genetic variation. These large-scale sequencing projects have revealed support for our understanding of human evolution and population migrations based on the fossil record. These studies have also revealed the extent of human genome sequence variations. However, understanding the link between genetic variation and the resulting phenotype presents challenges, as is apparent from large-scale association studies. This unit will explore how studying human genome sequences can inform our understanding of genetic disease and evolution.

Language(s) of Instruction

English

Host Institution Course Number

BIOL 31402

Host Institution Course Title

HUMAN GENETICS AND EVOLUTION

Host Institution Course Details**Host Institution Campus**

Manchester

Host Institution Faculty**Host Institution Degree****Host Institution Department**

School of Biological Sciences

Course Last Reviewed

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